

10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO
Substitute for form 1449A/PTO and 1449B/PTO**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	09/498,046
Filing Date	February 4, 2000
First Named Inventor	Sabine Neiryck
Prior Art Unit	1648
Examiner Name	Stacy Brown Chen
Attorney Docket Number	VIB-103.0 (1796/97843)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	E1	5,871,747	2-16-1999	Gengoux-Sedlik et al. (English)	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	E2	WO 94/06472	31 March 1994	Gengoux et al.-(Femish)	abstract only	
	E3	AU 49273 90	09 Aug 1990	Highfield et al.		
	E4	WO 98/23735	04 June 1998	Mizzen et al.		

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	E5	Opposition Letter dated Sept. 4, 2006 to European Patent No. EP 0 996 717 B1	
	E6	Notice of Opposition to European Patent No. EP 0 996 717 B1 dated Sept. 5, 2006	
	E7	Opposition Letter dated Sept. 5, 2006 to European Patent No. EP 0 996 717 B1	
	E8	Opposition Letter dated Sept. 7, 2006 to European Patent No. EP 0 996 717 B1	
	E9	Slepishkin et al., Vaccine, Vol. 13, No. 15, pp 1399-1402, 1995 "Protection of Mice Against Influenza a Virus Challenge by Vaccination with Baculovirus-Expressed M2 Protein"	
	E10	Pouwels et al., <i>Journal of Biotechnology</i> 44 (1996) 183-192 "The Potential of Lactobacillus as a Carrier for Oral Immunization: Development and Preliminary Characterization of Vector Systems for Targeted Delivery of Antigens"	
	E11A	(English version) Insertie Van Nucleoproteïne T-Cel Epitope Van Het Influenza A Virus in Het M2- Hepatitis B Core Fusie-Eiwit, by Bart Bamps, Promotor: Professor Willy Min Jou, Begeleider: Sabine Neiryck, Laboratorium voor Moleculaire Biologie VIB, Universiteit GENT, Academiejear 1996- 1997, Academic Degree obtained July 2, 1997	
	E11B	(Femish version) Insertie Van Nucleoproteïne T-Cel Epitope Van Het Influenza A Virus in Het M2- Hepatitis B Core Fusie-Eiwit, by Bart Bamps, Promotor: Professor Willy Min Jou, Begeleider: Sabine Neiryck, Laboratorium voor Moleculaire Biologie VIB, Universiteit GENT, Academiejear 1996- 1997, Academic Degree obtained July 2, 1997	

Examiner Signature	Date Considered
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			Prior Art Unit	1648	
			Examiner Name	Stacy Brown Chen	
Sheet	2	of	3	Attorney Docket Number	VIB-103.0 (1796/97843)

E12A	(English version) Een Expressieplasmide Leidend Tot De Presentatie Van Influenza M2 Eiwitepitopen Op Het E. Coli Celoppervlak, by Sabine Neirynck, Promotor: Professor W. Fiers, Laboratorium voor Moleculaire Biologie VIB, Rijksuniversiteit GENT, Academiejear 1987-1988, Academic Degree obtained September 30, 1988
E12B	(Femish version) Een Expressieplasmide Leidend Tot De Presentatie Van Influenza M2 Eiwitepitopen Op Het E. Coli Celoppervlak, by Sabine Neirynck, Promotor: Professor W. Fiers, Laboratorium voor Moleculaire Biologie VIB, Rijksuniversiteit GENT, Academiejear 1987-1988, Academic Degree obtained September 30, 1988
E13	Lamb, R.A. <i>et al.</i> , "Influenza Virus M ₂ Protein is an Integral Membrane Protein Expressed on the Infected-Cell Surface," <i>Cell</i> 40:627-633 (1985);
E14	Charbit, A., <i>et al.</i> , "Probing the Topology of a Bacterial Membrane Protein by Genetic Insertion of a Foreign Epitope; Expression at the Cell Surface," <i>EMBO J.</i> 5:3029-3037 (1986)
E15	Charbit, A., <i>et al.</i> , Presentation of Two Epitopes of the preS2 Region of Hepatitis B Virus on Live Recombinant Bacteria, " <i>J. Immunol.</i> , 139:1658-1664 (1987);
E16	Francis, M.J., <i>et al.</i> , "Peptide Vaccines Based on Enhanced Immunogenicity of Peptide Epitopes Presented with T-Cell Determinants or Hepatitis B Core Protein," In: Antibodies, Antigens, and Molecular Mimicry, Methods in Enzymology Vol. 178, J.J. Lagone, editor, pages 659-676, Academic Press, Inc., New York (1989)
E17	Borisova, G.P., <i>et al.</i> , "Recombinant Core Particles of Hepatitis B Virus Exposing Foreign Antigenic Determinants on Their Surface," <i>FEBS Letters</i> 259: 121-124 (1989);
E18	Clarke, B.E., <i>et al.</i> , "Presentation and Immunogenicity of Viral Epitopes on the Surface of a Hybrid Hepatitis B Virus Core Particles Produced in Bacteria," <i>J. General Virology</i> 71: 1109-1117 (1990);
E19	Francis, M.J., <i>et al.</i> , "Immunological Properties of Hepatitis B Core Antigen Fusion Proteins," <i>Proc. Natl. Acad. Sci.</i> 87:2545-2549 (1990);
E20	Clarke, B.E., <i>et al.</i> , "Improved Immunogenicity of a Peptide Epitope After Fusion to Hepatitis B Core Protein," <i>Nature</i> 330:381-384 (1987);
E21	Brown, A.L., <i>et al.</i> , "Foreign Epitopes in Immunodominant Regions of Hepatitis B Core Particles are Highly Immunogenic and Conformationally Restricted," <i>Vaccine</i> 9:595-601 (1991);
E22	von Brunn, A., <i>et al.</i> , "Principal Neutralizing Domain of HIV-1 is Highly Immunogenic when Expressed on the Surface of Hepatitis B Core Particles," <i>Vaccine</i> 11:817-824 (1993);
E23	Pumpens, P., <i>et al.</i> , "Hepatitis B Virus Core Particles as Epitope Carriers," <i>Intervirology</i> 38:63-74 (1995);
E24	Zebedee, S.L., <i>et al.</i> , "Characterization of the Influenza Virus M2 Integral Membrane Protein and Expression at the Infected-Cell Surface from Cloned cDNA," <i>J. Virology</i> 56:502-511 (1985);
E25	Zebedee, S.L., <i>et al.</i> , "Influenza A Virus M2 Protein: Monoclonal Antibody Restriction of Virus Growth and Detection of M2 in Virions," <i>J. Virology</i> 62(8):2762-2772 (1988);
E26	Katz, J.M., <i>et al.</i> , "Immune Mechanisms of Protection Induced by Vaccination of BALB/c Mice with Influenza A Virus M2 Protein," In: <i>Options for the Control of Influenza III</i> , Leo Brown, <i>et al.</i> (eds.), pages 837-843 Elsevier, B.V., (1996)
E27	Slepishkin, V.A., <i>et al.</i> , "Protection of Mice Against Influenza A Virus Challenge by Vaccination with Baculovirus-Expressed M2 Protein," <i>Vaccine</i> 13:1399-1402 (1995).
E28	Treanor, J.J. <i>et al.</i> , "Passively Transferred Monoclonal Antibody to the M2 Protein Inhibits Influenza A Virus Replication in Mice," <i>Journal of Virology</i> , 64(3):1375-1377 (1990)
E29	Black, R.A. <i>et al.</i> , "Antibody Response to the M2 Protein of Influenza A Virus Expressed in Insect Cells," <i>Journal of General Virology</i> 74:143-146 (1993)
E30	Hongo, S. <i>et al.</i> , "Characterization of a Second Protein (CM2) Encoded by RNA Segment 6 of Influenza C Virus," <i>Journal of Virology</i> 71(4):2786-2792 (Apr. 1997)
E31	Milich, D.R. <i>et al.</i> , "The Hepatitis Nucleocapsid as a Vaccine Carrier Moiety", <i>An NY Acad Sci.</i> 754: 187-201 (1995)

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